HAC-RF Emission

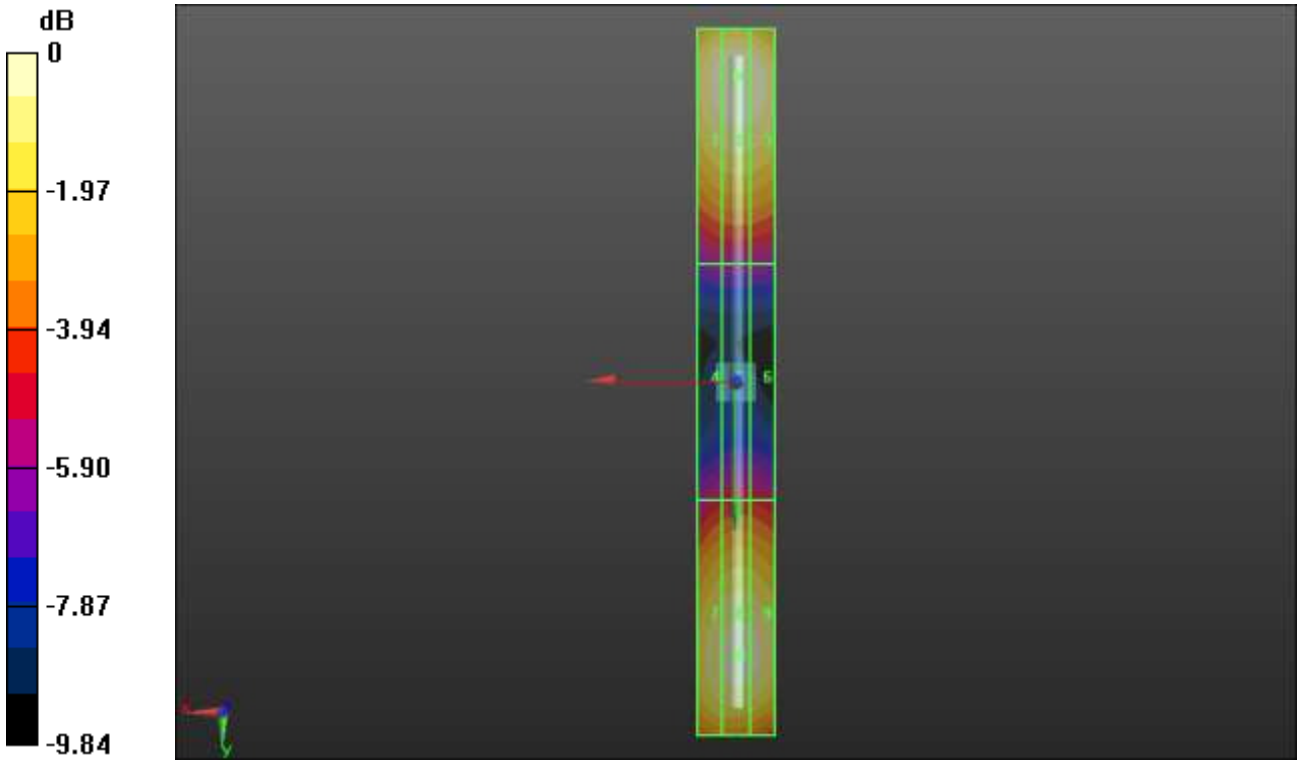
Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/14/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Dipole E-Field measurement 835MHz/835 MHz/Hearing Aid Compatibility Test at 15mm distance (41x361x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 125.1 V/m; Power Drift = -0.07 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 109.9 V/m
Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 **M4** **107.2 V/m**	Grid 2 **M4** **109.9 V/m**	Grid 3 **M4** **108.1 V/m**
Grid 4 **M4** **62.80 V/m**	Grid 5 **M4** **64.59 V/m**	Grid 6 **M4** **64.26 V/m**
Grid 7 **M4** **103.4 V/m**	Grid 8 **M4** **106.1 V/m**	Grid 9 **M4** **105.1 V/m**



0 dB = 109.9 V/m = 40.82 dBV/m

HAC-RF Emission

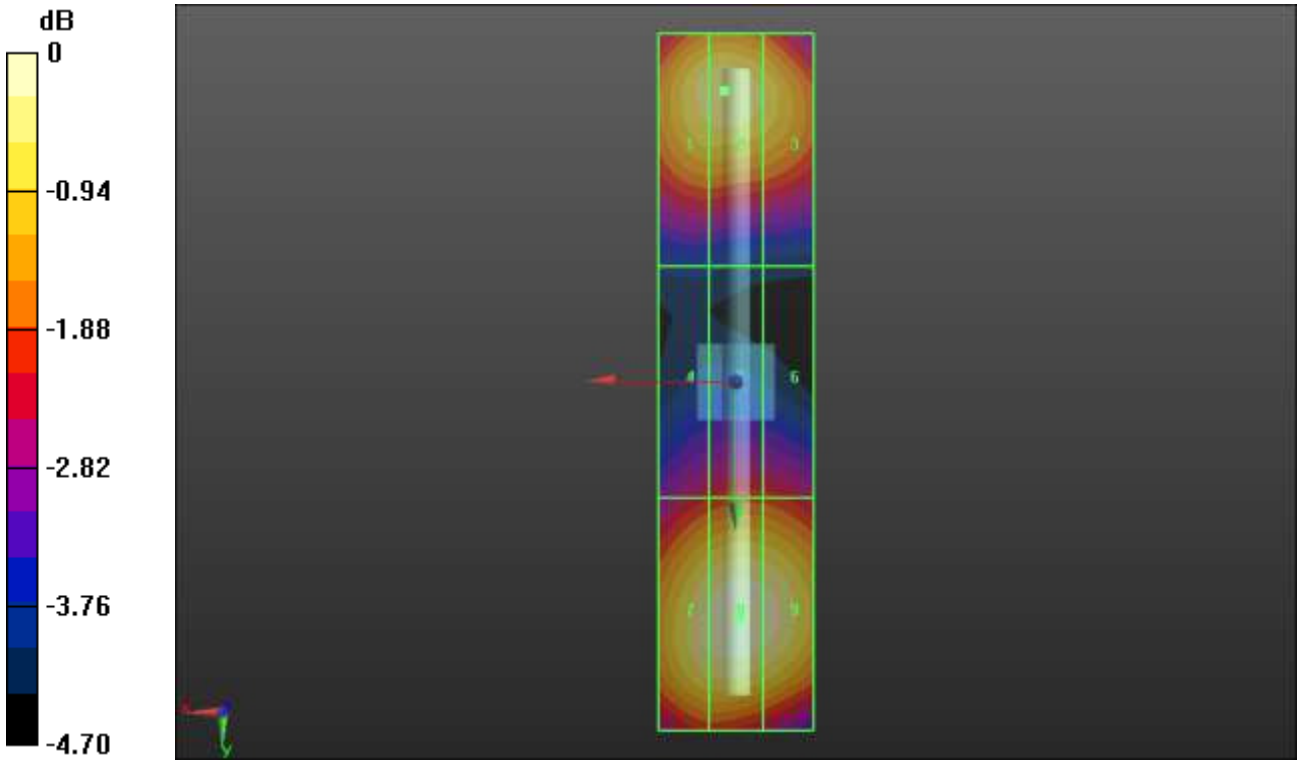
Communication System: UID 0, CW; Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/14/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

Dipole E-Field Measurement 1880MHz/1880 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 137.2 V/m; Power Drift = 0.07 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 91.18 V/m
Near-field category: M3 (AWF 0 dB)

PMF scaled E-field

Grid 1 **M3** **87.01 V/m**	Grid 2 **M3** **87.69 V/m**	Grid 3 **M3** **84.70 V/m**
Grid 4 **M3** **70.90 V/m**	Grid 5 **M3** **72.64 V/m**	Grid 6 **M3** **72.39 V/m**
Grid 7 **M3** **89.08 V/m**	Grid 8 **M3** **91.18 V/m**	Grid 9 **M3** **89.95 V/m**



0 dB = 91.18 V/m = 39.20 dBV/m